

WHAT IS CLAIMED IS:

Sub A 1. An inhibitor composition of Helicobacter pylori adhesion in the gastrointestinal tract of a mammal including humans, comprising (1) IgY antibodies obtained from at least one chicken egg laid by a hen which has been immunized with an antigenically effective amount of an isolated Helicobacter pylori urease, wherein said IgY antibodies are capable of specifically binding to Helicobacter pylori urease in the gastrointestinal tract of the mammal, and (2) an inhibitor of gastric acid secretion.

Sub C1 2. The inhibitor composition according to Claim 1, wherein the IgY antibodies are isolated and purified antibodies.

3. A pharmaceutical composition for preventing and/or treating a disease caused by or associated with Helicobacter pylori in a mammal including humans, comprising a pharmaceutically effective amount of the inhibitor composition comprising (1) IgY antibodies obtained from at least one chicken egg laid by a hen which has been immunized with an antigenically effective amount of an isolated Helicobacter pylori urease, wherein said IgY antibodies are capable of specifically binding to Helicobacter pylori urease in the gastrointestinal tract of the mammal, and (2) an inhibitor of gastric acid secretion, and a pharmaceutically acceptable carrier or diluent.

Sub C1 4. The pharmaceutical composition according to Claim 3, wherein the IgY antibodies are isolated and purified antibodies.

Sub C2 5. A method for inhibiting Helicobacter pylori adhesion in a mammal including humans, comprising orally administering to the mammal an inhibitor

Sub
C2
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composition in an effective amount for inhibiting Helicobacter pylori adhesion, which composition comprises (1) IgY antibodies obtained from at least one chicken egg laid by a hen which has been immunized with an antigenically effective amount of an isolated Helicobacter pylori urease, wherein said IgY

5 antibodies are capable of specifically binding to *Helicobacter pylori* urease in the gastrointestinal tract of the mammal, and (2) an inhibitor of gastric acid secretion.

6. A method for preventing and/or treating a disease caused by or associated with Helicobacter pylori in a mammal including humans, comprising orally 10 administering to the mammal an inhibitor composition in an effective amount for preventing or treating the disease, which composition comprises (1) IgY antibodies obtained from at least one chicken egg laid by a hen which has been immunized with an antigenically effective amount of an isolated Helicobacter pylori urease, wherein said IgY antibodies are capable of specifically binding to 15 Helicobacter pylori urease in the gastrointestinal tract of the mammal, and (2) an inhibitor of gastric acid secretion.

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C3 ✓

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